

BOATING ISSUES

Concerns/Issues	Actions	Cost	Time	Priority	Management
Research the impact of boat sizes and motors on water quality, wildlife habitat and safety	Explore the feasibility of developing and implementing local guidelines and restrictions for surface uses. Encourage broad community participation to ensure that the plan reflects community values in a balanced manner.	Low	One-time process to research feasibility and develop plan	Medium	Watershed community; MDIFW; TLIA; MDEP
<ul style="list-style-type: none"> Improper use and Maintenance of boats Non-observance of headway speed only zones Use of motor instead of winch to get boats onto trailers 	<p>Develop a boater education program and program materials. Topics to include:</p> <ul style="list-style-type: none"> Responsible handling of motors, fuel and oil Importance of tuning boat motors every year/ How to tune a motor Boater safety Laws requiring, and rationale for the observance of headway speed within 200 feet of shorelines and shallow areas Problems associated with gunning motors to load boats onto trailers Pollution potential of 2-stroke motors/ benefits of 4-stroke motors 	Moderate - Low	One time to develop; program ongoing	High	MDIFW; MDOC; watershed community; TLIA
Public boat launch	Develop a plan to monitor and maintain the launch site to prevent erosion.	Low	Ongoing	High	Town; citizens; TLIA
Boating Safety	Investigate and publicize Maine boating safety guidelines and help coordinate boating safety education programs.	Low	Ongoing	Medium - High	Watershed community; TLIA; MDIFW

Concerns/Issues	Actions	Cost	Time	Priority	Management
Boating Safety	Work with MDOC and other authorities to develop marking plan for hazards and sensitive areas, and provide for long-term monitoring and maintenance of buoy markers.	Moderate	Ongoing	High	MDOC; Town; TLIA; watershed community
Plant material washing up on the lakeshore	Educate and urge boaters to respect native plant communities and to minimize contact between boats and plants.	Low	Ongoing	Medium	MCIAP; watershed community; TLIA

FERTILIZERS, PESTICIDES, AND OTHER PUBLIC HEALTH ISSUES

Concerns/Issues	Actions	Cost	Time	Priority	Management
Agricultural areas in watershed; especially potential stormwater runoff from manure stockpiles and the potential for excessive fly hatches	Establish a relationship with farm management and encourage participation in watershed protection activities, for example: “Open Farm Days” and “Lake Friendly Landscape Tours.”	Low	Ongoing	Medium	Watershed community; MDEP; TLIA; NRCS; AVSWCD; MDA
	Establish and maintain active communication with State agency personnel in charge of monitoring compliance of farm Nutrient Management Plans (NMP). Investigate ways to encourage and support local compliance and NMP success.	Low	Ongoing	Medium	Watershed community; MDA; NRCS; AVSWCD

FERTILIZERS, PESTICIDES, AND OTHER PUBLIC HEALTH ISSUES (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Agricultural areas in watershed; especially potential stormwater runoff from manure stockpiles and the potential for excessive fly hatches	Promote proper manure storage and Best Management Practices for manure spreading.	Low	Ongoing	Medium	NRCS; UMCE; MDA
	Encourage residents to call the MDA or the Tripp Lake hot line with reports of excessive flies. TLIA will begin to compile “complaint” data to provide guidance for possible future planning and resolution purposes.	Low	Ongoing	Medium - High	Watershed community; MDA; TLIA
Lawn and garden fertilizer and pesticide use	Encourage residents to abstain from lawn and garden fertilizer and pesticide use. Encourage use of native and other non-invasive plants to reduce the need for fertilizers and pesticides.	Low	Ongoing	High	Local nurseries and garden centers; MDEP; AVSWCD; TLIA; watershed community; UMCE
	Participate in MDEP LakeSmart program.	Low	Ongoing	Medium	MDEP; TLIA; watershed community
	Encourage local property owners and businesses to participate in educational lake-friendly landscape tours.	Low	Ongoing	Medium	TLIA; watershed community; watershed businesses
	Promote proper manure storage and Best Management Practices for manure spreading.	Low	Ongoing	Medium	NRCS; UMCE; MDA

INVASIVE PLANTS

Concerns/Issues	Actions	Cost	Time	Priority	Management
Purple loosestrife	Continue TLIA-organized loosestrife monitoring and removal program by developing a volunteer loosestrife control “team” to map, assess and control existing stands.	Low - Moderate	Ongoing; occasionally more intensive	High - Medium	TLIA; watershed community; MNAP
Invasive aquatic plants	Develop a volunteer “Invasive Plant Patrol” and organize periodic lake wide invasive aquatic plant screening surveys.	Low	Ongoing	Medium - High	Watershed community; MCIAP; local schools and community colleges; TLIA
	Expand the scope of aquatic plant survey to include a study of the native plants as volunteers and expertise become available.	Low	Ongoing	Medium	Watershed community; MNAP; TLIA; MCIAP
	Educate shoreline property owners and renters so they can be part of Tripp Lake’s “early detection system”; disseminate plant identification posters for camp owners to display.	Low	Ongoing	Medium-High	Watershed community; TLIA; MCIAP
	Develop a Courtesy Boat Inspection program. Involve paid locals and volunteers as needed/available to ensure sufficient coverage of the public boat launch during high use periods.	Moderate	Ongoing	High	LEA; MDEP; TLIA; watershed community; public

INVASIVE PLANTS (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Invasive aquatic plants	Install improved invasive plant signage at public and private boat launches. Provide receptacles for disposal of plant material where appropriate.	Moderate/ Low	One time to install/ ongoing maintenance	High	TLIA; watershed community; Town
	Investigate the effectiveness and feasibility of creating a local boat washing facility.	Low	One time	Low	Watershed community; abutting landowners; Town
	Improve public outreach and education regarding the threat of invasive plants and the benefits of native plants.	Low	Ongoing	High	TLIA; watershed community; MNAP; MCIAP/VLMP
Other potential vectors for the spread of invasive aquatic plants (IAP)	Gather information on procedures used for commercial water withdrawal.	Low	Ongoing	Medium	TLIA; watershed community; MDEP
	Encourage citizens to clean and maintain fishing tackle between lakes to prevent spread of IAP.	Low	Ongoing	High	Watershed community; MDIFW

LAKE USES

Concerns/Issues	Actions	Cost	Time	Priority	Management
Public beach use	Investigate and implement ways to better manage beach access including: enforcement of beach closure at sunset and beach sticker for residents (fees collected to be dedicated to beach maintenance and improvement).	Low - Moderate	One time to develop plan; enforcement ongoing	Medium	Town; watershed community
	Continue to provide seasonal toilet facilities at the town beach.	Low	Ongoing	High	Town; citizens
	Install fence and plants to better delineate entrances to the beach. Seek town volunteers to create and support a maintenance plan.	Moderate - Low	One time to install fence and plants; maintenance ongoing	Medium - High	Town; watershed community; TLIA
	Improve and consolidate signage at the beach to more concisely state rules and warnings.	Moderate	One time	Medium	TLIA; Town

OTHER POTENTIAL SOURCES OF POLLUTION

Concerns/Issues	Actions	Cost	Time	Priority	Management
Shooting fireworks over Tripp Lake	Research water quality impacts and make recommendations to the town based on the findings.	Low	One time	Low	TLIA; watershed community; Town; MDEP
Bathing with soap in the lake	Publicize existing policy: No soaps allowed in the lake.	Low	Ongoing	High	Watershed community; MDEP; TLIA
Ice fishing impacts: litter, lead jigs, pet and human wastes	Develop informational/educational flier for ice fishermen with useful information, do's and don'ts. Make available on TLIA website and places where fishing licenses are sold, and deliver to ice fishing shacks.	Low	One time to create flyer; distribution ongoing	Medium	Concerned citizens; MDIFW; MDOC

POLLUTION ASSOCIATED WITH DEVELOPMENT

Concerns/Issues	Actions	Cost	Time	Priority	Management
Polluted stormwater runoff in watershed (also known as non-point source pollution or NPS)	Build upon existing partnership with the town through regular (annual or bi-annual) meetings between town and lake association to discuss current development and land use issues, and to explore opportunities for cooperation and collaboration.	Low	Ongoing	High	Town; TLIA; citizens
	Inform landowners within watershed of practical steps they can take to protect water quality and encourage participation in the effort through TLIA newsletters, website and public awareness programs.	Low	Ongoing	High	TLIA; watershed community

POLLUTION ASSOCIATED WITH DEVELOPMENT (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Polluted stormwater runoff in watershed (also known as non-point source pollution or NPS)	Encourage watershed and lakeshore residents to call CEO and/or Tripp Lake hot line to report erosion and runoff problems.	Low	Ongoing	Medium	CEO; TLIA; watershed community
	Update NPS watershed survey every 5-10 years.	Moderate	Occasional	Medium	TLIA; watershed community; Town officials
	Develop local and/or regional YCC programs to provide landowners with assistance in correcting existing erosion problems and other improvements.	High	Ongoing	High	Town; TLIA; land owners; other towns and lake groups as appropriate
Increased development in the watershed	Continue and expand Tripp Lake “welcome wagon” effort to new watershed residents.	Moderate	Ongoing	High	TLIA; Town; real estate offices
	Continue to support ordinances that protect water quality and the CEO position.	Low	Ongoing	High	Town; CEO; watershed community
	Provide watershed residents with list of resource people, organizations and agencies to call regarding various issues, problems, concerns. Update as needed.	Low	Occasional Updates	Medium	TLIA; AVSWCD; VLMP; MDEP
	Investigate feasibility of expanding TLIA to include watershed residents.	Low	Limited time required	High	TLIA; Town

POLLUTION ASSOCIATED WITH DEVELOPMENT (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Increased development in the watershed	Help raise awareness of the long-term benefits of land conservation. Encourage, support and help facilitate land conservation practices.	Low	Ongoing	High	MLTN; AVCOG; SWOAM; AVSWCD
	Work with other lake associations in the region to ensure that water quality issues are addressed at the town level through representation on the Planning Board.	Low	Ongoing	Medium	Planning Board; CEO; regional lake associations
	Explore the possibility of delineating a town watershed protection district. The purpose is to increase awareness of the influence of land use in the watershed on water quality, and promote the use of best management practices throughout the watershed.	Low	Ongoing	Medium	Town; CEO; land use planners; State Planning Office; MDEP
Shoreline property development and conversion to year-round use; the clearing of vegetated buffers	Pilot the use of a simple Shoreland Zoning do's and don'ts hand-out for all SZ permit applicants; information will also make reference to NRPA restrictions. Applicants must read and sign before permit is issued. Assess practicality and effectiveness after one year.	Low	One year for pilot; if adopted, ongoing	High	CEO
	Promote vegetated buffers, especially the use of native plants.	Low	Ongoing	High	AVSWCD
	Increase awareness of the importance of multiple layers of vegetation including trees, shrubs, and ground covers.	Low	Ongoing	High	AVSWCD; MDEP; TLIA; Town, UMCE, watershed community

POLLUTION ASSOCIATED WITH DEVELOPMENT (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Increased development on substandard (gravel) roads	Provide information on proper construction and maintenance of gravel roads and driveways.	Low	Ongoing	High	AVSWD; road associations; camp road property owners
	Provide education regarding the formation of formal or informal road associations through workshops and the distribution of educational and/or technical materials and resources.	Low	Ongoing	Medium	AVSWD; road associations; camp road property owners
	See section below for more actions related to roads.				

POLLUTION ASSOCIATED WITH ROADS

Concerns/Issues	Actions	Cost	Time	Priority	Management
Road construction and maintenance on public and private roads	Support the use of Conservation Practices for new and improved roads to control runoff. Utilize existing roadside vegetated buffers where possible.	Low	Ongoing	High	Town; camp road property owners; AVSWCD
	Encourage routine inspection of public and private roads, to ensure proper and timely maintenance of crowns, shoulders, ditches and culverts.	Moderate	Ongoing	High	PWD; private road owners; MDOT; AVSWCD

POLLUTION ASSOCIATED WITH ROADS (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Road construction and maintenance on public and private roads	Conduct a “Front Runner” workshop for local road contractors and participate in regional equipment sharing program.	Moderate	Ongoing	Medium	AVSWCD; PWD; local contractors; property owners
Jordan Shore Drive	Work with the Town Public Works Department to develop clear instructions for maintenance of ditches and driveway entrances on Jordan Shore Drive and on other critical areas.	Low	Ongoing	High	PWD; TLIA; Jordan Shore Dr. landowners; other watershed residents
	Investigate rebuilding Jordan Shore Drive and other problem roads to control polluted runoff and erosion.	High	One time for each project	High	PWD; Road Commissioner; AVSWCD
	Conduct a land survey of the Jordan Shore Right of Way boundaries. Any structures that intrude illegally into the Right of Way should be removed to allow better road maintenance and shoreline health.	High	One time for survey	Medium	Town; CEO; property owners
	Hold periodic round table discussions to discuss issues related to road improvement and maintenance	Low	Periodic	High	CEO; Road Department; TLIA; Town; watershed residents
	Support on-going attendance at educational workshops for all members of the town road maintenance crews, with emphasis on stormwater runoff, erosion and sediment control techniques.	Moderate	Ongoing	Medium - High	PWD; MDOT; AVSWCD; watershed community

POLLUTION ASSOCIATED WITH ROADS (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Jordan Shore Drive	Develop program to assist landowners in establishing improved vegetated buffers on Jordan Shore Drive.	Moderate	Ongoing	High	TLIA; MDEP; AVSWCD; property owners; YCC when established
Increased road traffic and high speeds causing increased wear and tear on roads	Explore methods for managing existing and future traffic problems.	Low to High	One time to develop initial plan; revisit as needed	Medium	PWD; MDOT; watershed community

POLLUTION FROM SEPTIC SYSTEMS

Concerns/Issues	Actions	Cost	Time	Priority	Management
Need for education with regard to septic system adequacy, performance and maintenance	Encourage participation in voluntary septic survey for systems within 250' of lake high-water mark; develop voluntary program for system inspections, and encourage routine maintenance.	Low	One time to develop; program ongoing	High	LPI; watershed community; MDA; HETL/MDHS
	Support requirement of septic system inspection upon sale of all properties with systems.	Low	Ongoing	High	Town; realtors; TLIA; certified septic inspectors; citizens
	Develop, maintain and make available a brochure listing local septic inspectors, contractors, pumpers and providing housekeeping hints.	Low	Ongoing	High	TLIA; AVSWCD

POLLUTION FROM SEPTIC SYSTEMS (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Need for education with regard to septic system adequacy, performance and maintenance	Encourage reporting of septic problems to CEO/LPI.	Low	Ongoing	High	CEO; LPI; citizens
	Work with Town and citizens to provide information on the small community grants program, administered by MDEP, for new/upgraded systems.	Low	Ongoing	High	Town; CEO; TLIA
Improper gray-water systems	Educate property owners about use of gray water systems.	Low	One time to investigate; education ongoing	Medium - High	TLIA; watershed community
Lack of public systems in high-density residential areas	Investigate the feasibility of installing a public sewage system for high-density areas.	Low to Medium	One time for feasibility study	Low	Town; TLIA; MDA; HETL/MDHS

STEWARDSHIP ACTIVITIES

Concerns/Issues	Actions	Cost	Time	Priority	Management
Increasing the active involvement of all Tripp Lake watershed property owners in lake stewardship	Continue TLIA newsletter; expand readership as possible.	Low	Ongoing	Medium	TLIA; watershed community
	Enhance Poland CEO outreach through press releases or a Town newsletter.	Low	Ongoing	Medium - High	CEO; TLIA; watershed community

STEWARDSHIP ACTIVITIES (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Increasing the active involvement of all Tripp Lake watershed property owners in lake stewardship	Hold annual public forum to address and discuss new concerns and issues, and to review the status of the Tripp Lake Watershed Management Plan	Low	Annually	High	TLIA; Town; watershed community
	Increase Lake Stewardship activities through education for youth through schools, youth organizations and libraries.	Low – Medium	Ongoing	High	Town organizations; schools; State and local agencies
	Increase scope of outreach through local newspapers, the Local Cable Access Channel, TLIA website, telephone bill stuffers, etc.	Low	Ongoing	High	TLIA; Town; watershed communities
	Recruit more TLIA members to increase awareness and promote action.	Low	Ongoing	High	TLIA
	Develop and provide lake-oriented workshop series as outlined in the action plan.	Low	Ongoing	High	Everyone
	Develop and organize educational boat rides on Tripp Lake.	Low	Seasonal	Low	TLIA; watershed community; general public; Friends of the Cobbossee Watershed (for program model)

STEWARDSHIP ACTIVITIES (continued)

Concerns/Issues	Actions	Cost	Time	Priority	Management
Increasing the active involvement of all Tripp Lake watershed property owners in lake stewardship	Post TLIA website on Tripp Lake watershed signs.	Low	One time	Low	TLIA
Improving communication and collaboration between stakeholders	Foster close working relationship between the Town of Poland and TLIA.	Low	Ongoing	High	TLIA; Town
	Organize volunteer teaching teams-- neighborhood stewards educating neighbors.	Low	Ongoing	Medium	Watershed community; UMCE, e.g. Watershed Stewards Program; TLIA; AVSWCD
	Work to develop closer ties with other lake groups.	Low	Ongoing	Medium	TLIA; AVSWCD; neighboring lake groups
Funding	Apply for grant funding to support education efforts.	Low	Ongoing	High	TLIA; MDEP; watershed community

WATER QUALITY ISSUES

Concerns/Issues	Actions	Cost	Time	Priority	Management
Lake water quality	Determine best way to expand current water quality monitoring program and implement changes. Expansion may include increasing the scope and/or frequency of the volunteer or the professional monitoring programs or both.	Moderate	Ongoing	Medium	TLIA; VLMP; LWRMA; Poland Springs Bottling Company
	Issue and publicize annual water quality reports.	Low - Moderate	Ongoing	Medium	Town; TLIA; Poland Springs Bottling Co.
Lake water quality	Solicit financial support from towns and others for water quality monitoring.	Low	Ongoing	Medium	Town; Poland Springs Bottling Company; watershed community;
	Encourage more town and volunteer involvement in the VLMP.	Low	Ongoing	Medium	VLMP; MDEP; Town; TLIA
Tributary water quality	Encourage student and volunteer biological stream monitoring efforts to investigate possible impacts of nutrient runoff in streams	Low	Ongoing	Medium	Maine Stream Team; PHS; area colleges; TLIA; YCC once established
Water odor; bacteria such as E. coli & other concerns	Establish a Tripp Lake hot line or email address for people to contact with odor reports and other water quality concerns and/or questions.	Low	Ongoing	Medium	Watershed community; TLIA; Town

WILDLIFE AND PET CONCERNS

Concerns/Issues	Actions	Cost	Time	Priority	Management
Pollution from ducks and geese	Post signage in public areas to discourage waterfowl feeding.	Low	One time	Medium	Watershed community; TLIA; Town
	Educate lake users regarding the connection between feeding ducks and swimmers itch.	Low	Ongoing	Medium	Watershed community; DHS; UMCE; MDIFW
Pollution from ducks and geese	Encourage shrubby buffers along shorelines to discourage geese.	Low	Ongoing	Medium - High	TLIA; MDEP; shorefront owners; AVSWCD
	Investigate what other lake groups are doing to discourage unwanted wildlife.	Low	Ongoing	Medium	Watershed community; MDIFW; TLIA
Some wildlife species populations appear to be declining	Encourage and implement plant and animal surveys and monitoring programs to establish baseline and to monitor and record changes over time.	Low	Ongoing	Medium	MDIFW; MNAP; PHS; TLIA; watershed community
Beavers blocking outlet stream, causing shoreline erosion	Monitor beaver activity and work with State agencies, towns, local experts and volunteers to manage the beaver population to reduce the incidence of erosional water levels.	Low	Ongoing	Medium	Watershed community; MDIFW; TLIA
Dogs	Encourage pet waste clean-up in public and private areas and discourage pet bathing (with soap) in the lake.	Low	Ongoing	High	Watershed community; TLIA; Town